

CBRNE
CHEMICAL • BIOLOGICAL • RADIOLOGICAL • NUCLEAR • EXPLOSIVES
Emergency Preparedness for Medical Care Providers

TRAINING PROGRAM LEARNER LEVELS

In order for a medical care facility to effectively respond to a CBRNE emergency, all personnel need to work as a team. Everyone must know their responsibilities, including how to protect their safety and the safety of others. For this reason Chemical • Biological • Radiological • Nuclear • Explosives: Emergency Preparedness for Medical Care Providers[®] is intended for all of the personnel in the hospitals and clinics of California, including care providers, support staff, and administrators. This includes doctors, nurses, laboratory workers, clerks, security officers, and many other job categories. This audience is diverse in terms of educational experience, knowledge, and job responsibilities.

The educational content on the CD-ROM is presented in two formats. The movie segments should be watched by all learners. The accompanying text is aimed at specific learner groups. Individual text topics can be accessed by clicking on the Videx Slides[™] that appear as the movie plays. The entire text for each section can be printed by clicking on the Text function.

Personnel have been categorized into four learning levels by the Hospital Bioterrorism Preparedness Planning Committee (HBPPC) for the purposes of CBRNE Preparedness Training. Table 1 provides examples of learners and levels that they may be assigned.

In order for the CD to be an effective educational tool, learners should be assigned a learner level (1, 2, 3 or 4) prior to the use of the CD. Each level has specific educational goals, as well as a corresponding written examination. Learners should be held responsible only for the material associated with their level.

The four levels, including appropriate personnel and learner activities, are shown in Table 1.

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TABLE 1: Learner Levels

Level	Description	Examples	Activities
1	<p>Basic Training Level for All Staff</p> <p>(1 ½ Hours)</p>	<p>Hospital:</p> <ul style="list-style-type: none"> • New Employee Orientation • Administrative Support Staff • Admitting • Ancillary Services • Dietary Personnel • Engineering • Environmental Services • Facilities Management • Housekeeping • Media Relations • Parking and Transportation • Morgue Services • Security Officers • Call Centers • Mailroom • IT Staff • Base Hospital Staff/MICNs <p>Clinic / Physicians Office:</p> <ul style="list-style-type: none"> • Administrative support staff • Office Staff having contact with patients <p>EMS:</p> <ul style="list-style-type: none"> • Administrative Support Staff • All Ambulance Personnel • Dispatchers • Fire Nurse Liaisons • Critical Care Transport Staff and flight crews <p>Public Health:</p> <ul style="list-style-type: none"> • All clinical and administrative staff • Epidemiologists, Disease Control Investigators • Industrial Hygienists • Environmental Specialists <p>California Poison Control Centers: All staff</p>	<p>View video only.</p> <p>(Level 1 learners are <u>not</u> required to read any of the text materials.)</p> <p>Complete Competency Assessment Examination for Level 1</p>

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TABLE 1: Learner Levels

Level	Description	Examples	Activities
2	Intermediate Training Level (3 Hours)	Hospital: <ul style="list-style-type: none"> • All general (floor) nurses. • Most physicians, except as noted in Level 3. • Emergency Dept. Technicians • Employee Health Services • Laboratory Services • Pharmacy Personnel • Radiology Personnel • Respiratory Therapy Clinic / Physicians Office: <ul style="list-style-type: none"> • Physicians and Nurses EMS: <ul style="list-style-type: none"> • Administrative Support Staff • Advanced Ambulance Personnel Public Health: <ul style="list-style-type: none"> • Clinical Staff • Epidemiologists Regional Disaster Medical and Health Specialists	View video and read all Videx text labeled Level 2. Complete Competency Assessment Examination for Level 2

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TABLE 1: Learner Levels

Level	Description	Examples	Activities
3	Advanced Training Level for Direct Patient Care Providers and “Front Line” Staff (4 Hours)	Hospital: <ul style="list-style-type: none"> Nurse Managers and high level care providers, especially those in the Emergency Department and Critical Care Units. Physicians involved in higher risk direct patient care, especially Emergency Medicine, Critical Care, and Infectious Disease specialists. Urgent Care staff Emergency Managers/Disaster Planners Decontamination Response Teams/Hazardous Material Teams Infection Control Practitioners Clinic / Physicians Office: <ul style="list-style-type: none"> Physicians FNP/PA providers EMS: <ul style="list-style-type: none"> Emergency or Disaster Operations Center Staff Bioterrorism Coordinators Communications Staff Public Health: <ul style="list-style-type: none"> Health Officer Infectious Disease, Immunization, and Epidemiology Staff Bioterrorism Coordinators 	View video and read all Videx labeled Level 3. (Note: Printable Treatment Summaries are provided as supplemental material for staff involved in patient treatment.) Complete Competency Assessment Examination for Level 3
Level	Description	Examples	Activities
4	Executive Training Level (2 ½ Hours)	Hospital: <ul style="list-style-type: none"> Director of Hospital Operations CEO, CAO, COO Administrator-on-Call All Executive-Level Positions Board Members Clinic / Physicians Office: <ul style="list-style-type: none"> COO or Administrator EMS: <ul style="list-style-type: none"> Administration Public Health: <ul style="list-style-type: none"> Health Administrator Department Heads Dealing with Response Issues 	View video. Read Videx labeled Level 4 in Preparedness Section There is no Competency Assessment Examination for Level 4

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TABLE 2: Staff Training guide
How to Use this CD

Training Level	Level I: Basic Training Level	Level II: Intermediate Training Level	Level III: Advanced Training Level	Level IV: Executive Training Level
Trainees	All staff	Direct patient care providers	Direct patient care providers involved in evaluation and management	Facility administrators, executives, and board members
Hours of training	1 ½ hours	3 hours	4 hours	2 ½ hours
Watch video?	Yes	Yes	Yes	Yes
Read basic Videx text?	No	Yes	Yes	Read Videx in Preparedness section only
Read in-depth Videx text?	No	No	Yes	No
Read threats algorithm?	No	Yes	Yes	No
Read printable treatment summaries?	No	No	Summaries are supplemental	No
Complete Competency Assessment Examination?	Yes	Yes	Yes	No